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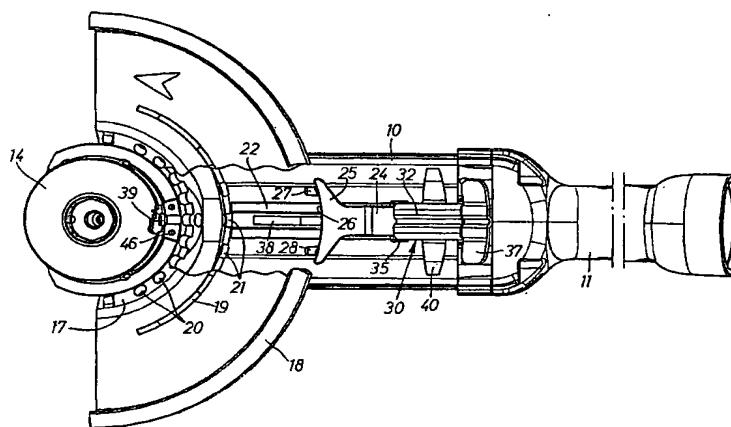
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(54) Title: **POWER GRINDER WITH SAFETY GUARD AND SPINDLE ARRESTING MEANS**



(57) Abstract: A portable power grinder comprises a housing (10), a rotating output shaft (14) with a grinding wheel mounting device (15), a grinding wheel safety guard (18) which is adjustable between a number of pre-selected angular positions defined by apertures (20,21) in the safety guard (18), and a manually operable safety guard arresting device (24,38) engageable with either one of the apertures (20,21), wherein the arresting device (24,38) comprises a lock slide (24) movably guided on the housing (10) and operable by means of an articulated lever (30) which is connected at its one end to the housing (10) and with its other end to the lock slide (24) and arranged to be shifted by folding and unfolding, thereby moving the lock slide (24) between a safety guard (18) arresting position and a safety guard (18) releasing position and positively locking the lock slide (24) in the arresting position as it occupies its unfolded position. The lock slide (24) comprises a spring element (31) for exerting an abutment force onto the safety guard (18) in the arrested position, and a lock spindle (38) is displaceably supported on the lock slide (24) for movement between a retracted safety guard (18) locking position and an advanced position in which it also locks the output shaft (14) for facilitating exchange of the grinding wheel attached to the output shaft (14).

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